

AMENDED CLAIM SET

1. (Cancelled)
2. (Currently Amended) The production method of multi-layer information record carriers of claim † 23, wherein the first substrate and the second substrate ~~may be~~ are made from a material ~~chosen~~ selected from one of the following: Polycarbonate (PC), PMMA and glass ~~or~~ and nickel.
3. (Currently Amended) The production method of multi-layer information record carriers of claim † 23, wherein the said signal duplication layer ~~may be~~ is made from one of the following: gold, silver, aluminum, chromium, platinum, nickel, silicon and their alloys.
4. (Currently Amended) The production method of multi-layer information record carriers of claim 3, wherein the said signal duplication layer is formed by plating and its thickness is controlled.
5. (Currently Amended) The production method of multi-layer information record carriers of claim † 23, wherein the said high molecular resin solution and the said second high molecular resin solution ~~may be~~ are made from a material chosen from one of the following: Epoxy, Acrylics or Polyester.

6. (Currently Amended) The production method of multi-layer information record carriers of claim ~~±~~ 23, wherein the ~~said~~ high molecular resin solution and the ~~said~~ second high molecular resin solution are subjected to curing by the illumination of ultra violet light.

7. (Currently Amended) The production method of multi-layer information record carriers of claim ~~±~~ 23, wherein the thickness of the ~~said~~ high molecular resin solution and the ~~said~~ second high molecular resin solution is controlled by the speed of spin coating and the concentrations of the ~~said~~ high molecular resin solution and the ~~said~~ second high molecular resin solution.

8. (Currently Amended) The production method of multi-layer information record carriers of claim ~~±~~ 23, wherein the ~~said~~ second substrate is repeatedly affixed to signal layers so as to form multi-layer information record carriers.

9. - 22. (Cancelled)

23. (New) A production method of multi-layer information record carriers comprising:

providing a first substrate and a second substrate;
forming a signal duplication layer that contains signals on said first substrate;

spin coating a high molecular resin solution on the signal duplication layer to form a signal layer;

curing the signal layer;

coating the surface of the cured signal layer with a second high molecular resin solution;

affixing said second substrate to the second high molecular resin solution so as to glue the signal layer and said second substrate together;

curing the second high molecular resin solution; and

separating said signal layer from said signal duplication layer of said second substrate.

24. (New) The production method of multi-layer information record carriers of claim 8, further comprising a semi-reflection layer placed in between the signal layers of said multi-layer information record carriers.

25. (New) The production method of multi-layer information record carriers of claim 24, wherein the semi-reflection layer is made from a material selected from one of the group consisting of gold, silver, aluminum, silicon and their alloys.

26. (New) The production method of multi-layer information record carriers of claim 23, further comprising a total reflection layer placed on the signal layer.

27. (New) The production method of multi-layer information record carriers of claim 26, wherein the total reflection layer is made from a metal and alloys selected from one of the group consisting of gold, silver, aluminum, copper, chromium and silicon.